



## **PATIENT SAFETY**

### **September/October 2005**

1: Am J Manag Care. 2005 Sep;11(9):537-43.

A group randomized trial to improve safe use of nonsteroidal anti-inflammatory drugs.

Curtis JR, Olivieri J, Allison JJ, Gaffo A, Juarez L, Kovac SH, Person S, Saag KG.

Division of Clinical Immunology and Rheumatology, University of Alabama at Birmingham, Birmingham, Alabama 35294, USA.

Publication Types:

Clinical Trial

Randomized Controlled Trial

PMID: 16159043 [PubMed - indexed for MEDLINE]

2: Am J Surg. 2005 Sep;190(3):356-8.

A surgeon who CARES can be safer.

Clarke JR, Marella W, Johnston J, Davis M.

The characteristics of a high-reliability organization are reviewed. Examples of how these characteristics relate to patient safety in surgical practice are illustrated by vignettes. The characteristics discussed include commitment to safety demonstrated to others by the conduct of one's practice; attention focused on one's own performance and the performance of others to the task at hand; rehearsal and proper preparation and contingency planning for procedures; effective communication so that information is accurate, adequate, unambiguous, and confirmed; and sense-making, or an understanding and verification of consistency between what is observed and expected and between what is planned and the premises for those plans.

Publication Types:

Editorial

PMID: 16105517 [PubMed - indexed for MEDLINE]

3: Anaesthesia. 2005 Sep;60(9):843-6.

The iatrogenic-harm cost equation and new technology.

Webster CS.

Publication Types:

Editorial

PMID: 16115243 [PubMed - indexed for MEDLINE]

4: Ann Intern Med. 2005 Sep 20;143(6):415-26.

Efficacy and safety of second-generation antidepressants in the treatment of major depressive disorder.

Hansen RA, Gartlehner G, Lohr KN, Gaynes BN, Carey TS.

Division of Pharmaceutical Policy and Evaluative Sciences, University of North Carolina, Chapel Hill, North Carolina 27599, USA. rahansen@unc.edu

Publication Types:

Meta-Analysis

Review

PMID: 16172440 [PubMed - indexed for MEDLINE]

5: Ann Surg. 2005 Sep;242(3):439-48; discussion 448-50.

Laparoscopic versus open appendectomy: a prospective randomized double-blind study.

Katkhouda N, Mason RJ, Towfigh S, Gevorgyan A, Essani R.

Division of Emergency Non-Trauma Surgery, University of Southern California, Keck School of Medicine, Los Angeles, CA 90033, USA. Nkatkhouda@surgery.usc.edu

Publication Types:

Clinical Trial

Randomized Controlled Trial

PMID: 16135930 [PubMed - indexed for MEDLINE]

6: Arch Ophthalmol. 2005 Sep;123(9):1177-86.

A randomized trial assessing dorzolamide in patients with glaucoma who are younger than 6 years.

Ott EZ, Mills MD, Arango S, Getson AJ, Assaid CA, Adamsons IA.

Department of Clinical Research, Merck Research Laboratories Inc., West Point, PA 19486, USA.

Publication Types:

Clinical Trial

Multicenter Study

Randomized Controlled Trial

PMID: 16157797 [PubMed - indexed for MEDLINE]

7: BJU Int. 2005 Sep;96(4):603-7.

Extracorporeal shock wave lithotripsy with a transportable electrohydraulic lithotripter: experience with >300 patients.

Albala DM, Siddiqui KM, Fulmer B, Alioto J, Frankel J, Monga M.

Division of Urology, Department of Surgery, Duke University Medical Center, Durham, NC 27710, USA. albal002@mc.duke.edu

Publication Types:

Clinical Trial

Multicenter Study

PMID: 16104918 [PubMed - indexed for MEDLINE]

8: BJU Int. 2005 Sep;96(4):587-94.

Treatment of incontinence after prostatectomy using a new minimally invasive device: adjustable continence therapy.

Hubner WA, Schlarp OM.

Department of Urology, Humanis Clinic, Korneuburg, Lower Austria, Austria. wilhelm\_huebner@compuserve.com

Publication Types:  
Evaluation Studies

PMID: 16104915 [PubMed - indexed for MEDLINE]

9: Clin Microbiol Infect. 2005 Sep;11(9):736-43.  
A comparative randomised study of valacyclovir vs. oral ganciclovir for cytomegalovirus prophylaxis in renal transplant recipients.  
Pavlopoulou ID, Syriopoulou VP, Chelioti H, Daikos GL, Stamatiades D, Kostakis A, Boletis JN.  
First Department of Paediatrics, Athens University, and Transplantation Centre, Laiko General Hospital, First Department of Propedeutic Medicine, Athens, Greece. [mdpavlop@yahoo.gr](mailto:mdpavlop@yahoo.gr)  
Publication Types:  
Clinical Trial  
Randomized Controlled Trial

PMID: 16104989 [PubMed - indexed for MEDLINE]

10: ED Manag. 2005 Sep;17(9):102-3.  
Malpractice fears may make ED docs defensive.  
[No authors listed]  
You can't eliminate malpractice suits, but you can help make your physicians feel a little less threatened by doing all you can to ensure patient safety. Consider adding a chest pain observation unit, where patients can be monitored for a longer period of time in the ED. Use computerized decision aids that can predict more accurately who will develop signs of ischemia or who has true ischemia. Create a culture of safety where staff feel comfortable enough to voice concerns about potential safety problems.

PMID: 16153022 [PubMed - indexed for MEDLINE]

11: Healthcare Benchmarks Qual Improv. 2005 Sep;12(9):103-5.  
Proactive staff help avert patient safety crisis in OR.  
[No authors listed]  
Quality improvement program encourages employees to proactively report situations. Greasy feel, wrong color in liquid spurs employees into action. When staff have concerns, key phrases will automatically stop a process.

PMID: 16161478 [PubMed - indexed for MEDLINE]

12: Hosp Peer Rev. 2005 Sep;30(9):129-32.  
Maintain accountability in patient safety efforts.  
Spath P.  
Brown-Spath & Associates Forest Grove, OR, USA.

PMID: 16156555 [PubMed - indexed for MEDLINE]

13: J Am Coll Cardiol. 2005 Aug 16;46(4):592-8.  
Comment in:  
J Am Coll Cardiol. 2005 Aug 16;46(4):621-4.  
The Frontier stent registry: safety and feasibility of a novel dedicated stent for the treatment of bifurcation coronary artery lesions.  
Lefevre T, Ormiston J, Guagliumi G, Schultheiss HP, Quilliet L, Reimers B, Brunel P, Wijns W, Buettner HJ, Hartmann F, Veldhof S, Miquel K, Su X, van der

Giessen WJ.

Institut Hospitalier Jacques Cartier, Massy, France. t.lefevre@icps.com.fr

**OBJECTIVES:** The goal of this study was to evaluate the safety and performance of the Multi-Link Frontier coronary bifurcation stent system (Guidant Corp., Santa Clara, California), a novel dedicated device designed for permanent side branch (SB) access, stent delivery by simultaneous kissing balloon inflation, and optimal main branch (MB) and SB ostium scaffolding. **BACKGROUND:** The treatment of coronary bifurcation lesions remains challenging, and various approaches using stents have been proposed. **METHODS:** The primary end point was the 180-day incidence of major adverse cardiac events (MACE) per intent-to-treat analysis. Secondary end points included device success, 30-day MACE, angiographic restenosis, and target lesion revascularization (TLR) rates at 180 days. **RESULTS:** After a learning phase of two cases per center, 105 patients were prospectively included in 11 centers. The left anterior descending coronary artery/diagonal bifurcation was the target in 80% of cases. The Frontier stent was successfully implanted in 96 patients (91%), and procedural success was obtained in 93%. Two patients suffered in-hospital myocardial infarction (MI) secondary to SB occlusion, and one patient underwent elective coronary artery bypass grafting. At 30 days and 6 months, the MACE rates were 2.9% and 17.1% (no death, no subacute stent thrombosis, Q-wave MI 1.0% and 1.9%, non-Q-wave MI 1.0% and 1.9%, TLR 1.0% and 13.3%). The MB in-stent restenosis was 25.3%, in-segment 29.9%. The SB restenosis was 29.1%. The overall restenosis rate for any branch was 44.8%. **CONCLUSIONS:** The results of this Frontier registry demonstrate the safety and performance of this dedicated stent system for the treatment of bifurcation lesions. The device can be successfully implanted in more than 90% of all cases, with a high procedural success rate and low 30-day and 6-month MACE rates.

Publication Types:

Evaluation Studies

PMID: 16098421 [PubMed - indexed for MEDLINE]

14: J Clin Oncol. 2005 Sep 1;23(25):5943-9.

Phase I trial of bortezomib and carboplatin in recurrent ovarian or primary peritoneal cancer.

Aghajanian C, Dizon DS, Sabbatini P, Raizer JJ, Dupont J, Spriggs DR.

Developmental Chemotherapy Service, Memorial Sloan-Kettering Cancer Center, 1275 York Ave, New York, NY 10021, USA. aghajanc@mskcc.org

**PURPOSE:** To determine the maximum-tolerated dose, pharmacodynamics, and safety of the combination of bortezomib and carboplatin in recurrent ovarian cancer.

**PATIENTS AND METHODS:** Fifteen patients were treated with a fixed dose of carboplatin (area under the curve [AUC] 5) and increasing doses of bortezomib (0.75, 1, 1.3, and 1.5 mg/m<sup>2</sup>/dose). Patients must have received upfront chemotherapy and up to two prior chemotherapy regimens for recurrent disease.

Publication Types:

Clinical Trial

Clinical Trial, Phase I

PMID: 16135465 [PubMed - indexed for MEDLINE]

15: J Clin Oncol. 2005 Sep 1;23(25):5918-28.

Phase II multicenter study of induction chemotherapy followed by concurrent efaproxiral (RSR13) and thoracic radiotherapy for patients with locally advanced non-small-cell lung cancer.

Choy H, Nabid A, Stea B, Scott C, Roa W, Kleinberg L, Ayoub J, Smith C, Souhami L, Hamburg S, Spanos W, Kreisman H, Boyd AP, Cagnoni PJ, Curran WJ.

Vanderbilt University Medical Center, Nashville, TN, USA.

hak.choy@utsouthwestern.edu

Publication Types:

Clinical Trial  
Clinical Trial, Phase II  
Multicenter Study

PMID: 16135463 [PubMed - indexed for MEDLINE]

16: J Clin Oncol. 2005 Aug 20;23(24):5660-7.

Comment in:

J Clin Oncol. 2005 Aug 20;23(24):5844; author reply 5844-5.  
Phase II multi-institutional randomized trial of docetaxel plus cisplatin with or without fluorouracil in patients with untreated, advanced gastric, or gastroesophageal adenocarcinoma.  
Ajani JA, Fodor MB, Tjulandin SA, Moiseyenko VM, Chao Y, Cabral Filho S, Majlis A, Assadourian S, Van Cutsem E.  
Department of Gastrointestinal Medical Oncology, University of Texas M.D. Anderson Cancer Center, Box 426, 1515 Holcombe Blvd, Houston, TX 77030, USA. jajani@mdanderson.org

Publication Types:

Clinical Trial  
Clinical Trial, Phase II  
Multicenter Study  
Randomized Controlled Trial

PMID: 16110025 [PubMed - indexed for MEDLINE]

17: J Clin Oncol. 2005 Aug 20;23(24):5484-92.

Comment in:

J Clin Oncol. 2005 Aug 20;23(24):5420-3.  
Ecteinascidin-743 (ET-743) for chemotherapy-naïve patients with advanced soft tissue sarcomas: multicenter phase II and pharmacokinetic study.  
Garcia-Carbonero R, Supko JG, Maki RG, Manola J, Ryan DP, Harmon D, Puchalski TA, Goss G, Seiden MV, Waxman A, Quigley MT, Lopez T, Sancho MA, Jimeno J, Guzman C, Demetri GD.  
Dana-Farber Cancer Institute, Harvard Medical School, 44 Binney St, Boston, Massachusetts 02115, USA.  
PURPOSE: To evaluate the response rate, toxicity profile, and pharmacokinetics of ecteinascidin-743 (ET-743) as first-line therapy in patients with unresectable advanced soft tissue sarcoma (STS). Publication Types:  
Clinical Trial  
Clinical Trial, Phase II  
Multicenter Study

PMID: 16110008 [PubMed - indexed for MEDLINE]

18: J Neurol Neurosurg Psychiatry. 2005 Sep;76(9):1294-6.

A pilot study of oral calcitriol (1,25-dihydroxyvitamin D3) for relapsing-remitting multiple sclerosis.  
Wingerchuk DM, Lesaux J, Rice GP, Kremenchutzky M, Ebers GC.  
Mayo Clinic, Scottsdale, Arizona, USA. wingerchuk.dean@mayo.edu

Publication Types:

Clinical Trial

PMID: 16107372 [PubMed - indexed for MEDLINE]

19: J Oral Maxillofac Surg. 2005 Sep;63(9):1262-5.  
Minor oral surgery without stopping daily low-dose aspirin therapy: a study of 51 patients.  
Madan GA, Madan SG, Madan G, Madan AD.  
Madan Dental Hospital, Ahmedabad, India. gautammadan@yahoo.com

PMID: 16122588 [PubMed - indexed for MEDLINE]

20: JAMA. 2005 Sep 14;294(10):1215-23.  
Comment in:  
JAMA. 2005 Sep 14;294(10):1268-70.

Comparison of a polymer-based paclitaxel-eluting stent with a bare metal stent in patients with complex coronary artery disease: a randomized controlled trial.  
Stone GW, Ellis SG, Cannon L, Mann JT, Greenberg JD, Spriggs D, O'Shaughnessy CD, DeMaio S, Hall P, Popma JJ, Koglin J, Russell ME; TAXUS V Investigators.  
Department of Cardiology, Columbia University Medical Center and Cardiovascular Research Foundation, New York, NY 10032, USA. gs2184@columbia.edu

Publication Types:  
Clinical Trial  
Multicenter Study  
Randomized Controlled Trial

PMID: 16160130 [PubMed - indexed for MEDLINE]

21: Lancet. 2005 Sep 17;366(9490):973-4.  
Patient safety alliance to tackle hand washing worldwide.  
Bristol N.

Publication Types:  
News  
PMID: 16173117 [PubMed - indexed for MEDLINE]

22: Lancet. 2005 Aug 13-19;366(9485):563-71.  
Roflumilast--an oral anti-inflammatory treatment for chronic obstructive pulmonary disease: a randomised controlled trial.  
Rabe KF, Bateman ED, O'Donnell D, Witte S, Bredenbroker D, Bethke TD.  
Leiden University Medical Centre, Leiden, Netherlands. k.f.rabe@lumc.nl

Publication Types:  
Clinical Trial  
Clinical Trial, Phase III  
Multicenter Study  
Randomized Controlled Trial

PMID: 16099292 [PubMed - indexed for MEDLINE]

23: Lancet Oncol. 2005 Sep;6(9):687-95.  
Management of menopausal symptoms in patients with breast cancer: an evidence-based approach.  
Hickey M, Saunders CM, Stuckey BG.  
School of Women's and Infants Health, King Edward Memorial Hospital, Perth, WA, Australia. mhipkey@obsgyn.uwa.edu.au  
Publication Types:

Review  
Review, Tutorial

PMID: 16129369 [PubMed - indexed for MEDLINE]

24: Mayo Clin Proc. 2005 Sep;80(9):1170-6.  
Evaluation of the optimal oral antihistamine for patients with allergic rhinitis.  
Meltzer EO.  
Allergy and Asthma Medical Group and Research Center, 9610 Granite Ridge Dr, Suite B, San Diego, CA 92123, USA. eomeltzer@aol.com

Publication Types:  
Review  
Review, Tutorial

PMID: 16178497 [PubMed - indexed for MEDLINE]

25: Mayo Clin Proc. 2005 Sep;80(9):1163-8.  
Conversion to atorvastatin in patients intolerant or refractory to simvastatin therapy: the CAPISH study.  
Krasuski RA, Doeppenschmidt D, Henry JS, Smith PB, Adinaro J, Beck R, Thompson CM.  
Wilford Hall Medical Center, San Antonio, Tex, USA. krasusr@ccf.org

PMID: 16178496 [PubMed - indexed for MEDLINE]

26: Med Care. 2005 Sep;43(9):873-84.  
Evaluating the patient safety indicators: how well do they perform on Veterans Health Administration data?  
Rosen AK, Rivard P, Zhao S, Loveland S, Tsilimingras D, Christiansen CL, Elixhauser A, Romano PS.  
Center for Health Quality, Outcomes and Economic Research, Bedford VAMC (152), Bedford, Massachusetts 01730, USA. akrosen@bu.edu

Publication Types:  
Evaluation Studies

PMID: 16116352 [PubMed - indexed for MEDLINE]

27: Med Care. 2005 Sep;43(9 Suppl):III53-62.  
Inappropriate drug combinations among privately insured patients with HIV disease.  
Hellinger FJ, Encinosa WE.  
Center for Delivery Organization and Markets Agency for Healthcare Research and Quality, Rockville, Maryland 20850, USA. fhelling@ahrq.gov

PMID: 16116309 [PubMed - indexed for MEDLINE]

28: N Engl J Med. 2005 Sep 29;353(13):1405-9.  
Accidental deaths, saved lives, and improved quality.  
Brennan TA, Gawande A, Thomas E, Studdert D.  
Brigham and Women's Hospital, Harvard Medical School, Boston, USA.

PMID: 16192489 [PubMed - indexed for MEDLINE]

30: Nature. 2005 Aug 18;436(7053):898.  
Comment in:  
Nature. 2005 Sep 22;437(7058):476.  
Survey questions safety of alternative medicine.  
Abbott A.

Publication Types:  
News

PMID: 16107802 [PubMed - indexed for MEDLINE]

31: Radiol Clin North Am. 2005 Sep;43(5):915-27, viii.  
Pre-, peri-, and posttreatment imaging of liver lesions.  
Braga L, Guller U, Semelka RC.  
Department of Radiology, School of Medicine, University of North Carolina at Chapel Hill, 101 Manning Drive, CB 7510, Chapel Hill, NC 27599-7510, USA.  
This article provides an overview of current treatment approaches in patients with primary or secondary liver diseases. Emphasis is placed on MR imaging prior, during, and after various treatments, including liver resection, systemic chemotherapy, transcatheter arterial chemoembolization, ablative therapies, and liver transplantation. Findings described for MR imaging are directly applicable to findings for CT and potentially contrast-enhanced ultrasound. The authors' description, however, will deal mainly with MR imaging as this is their preferred approach due to diagnostic accuracy and patient safety, and the findings are most demonstrative on MR imaging.

Publication Types:  
Review  
Review, Tutorial

PMID: 16098347 [PubMed - indexed for MEDLINE]

32: Retina. 2005 Sep;25(6):719-26.  
Indocyanine green-mediated photothrombosis with and without intravitreal triamcinolone acetonide for subfoveal choroidal neovascularization in age-related macular degeneration: a pilot study.  
Arevalo JF, Mendoza AJ, Fernandez CF.  
Retina and Vitreous Service, Clinica Oftalmologica Centro Caracas, Venezuela.  
areval1@telcel.net.ve

Publication Types:  
Clinical Trial

PMID: 16141859 [PubMed - indexed for MEDLINE]

33: World J Gastroenterol. 2005 Sep 14;11(34):5394-7.  
Liver cirrhosis induced by long-term administration of a daily low dose of amiodarone: a case report.  
Oikawa H, Maesawa C, Sato R, Oikawa K, Yamada H, Oriso S, Ono S, Yashima-Abo A, Kotani K, Suzuki K, Masuda T.  
Department of Pathology, Iwate Medical University School of Medicine, Uchimarui 19-1, Morioka 020-8505, Japan.

Publication Types:  
Case Reports

PMID: 16149155 [PubMed - indexed for MEDLINE]